Vivicam 3305 User Manual

English 021009

Warranty Policy

This camera is under warranty for one full year from the date of purchase by the orignal purchaser. In case of defects in materials or workmanship, we will replace or repair the camera free of charge. This warranty applies to the camera only. This warranty does not include batteries, or other accessories which have not been manufactured by our company. This warranty will not be honored if the camera has been mishandled or tampered with, or altered by anyone other than the manufacturer. Other than for the warranty herein, we are not responsible for loss, damage, or inconvenience of any kind.
A defective camera being returned under warranty must be accompanied by a brief description of the difficulties encountered and also by a proof of purchase with the date of purchase clearly indicated. All related transportation costs and insurances are at the ower's expense. Any alteration of this warranty cannot be made without the written approval from our company.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in commerical installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarentee that interference will not occur in a particular installation. If this equipment does cause harmful interferece to radio or television reception, detectable by turning the equipment in question off and on, the user is encouraged to try to correct the intereference by one or more of the following measures: Reorient or relocate the receiving antenna; Increase the distance between the equipment and the receiver; Connect the equipment to an outlet on a different circuit than that which the receiver is connected to; Or consult the dealer or an experienced radio/TV technician for help.

NOTE

A shielded-type DC power cable incorporated with a ferrite core is required in order to meet the FCC emission limits and also to prevent interference to the nearby radio and television reception.
Use only shielded I/O cable incorporated with a ferrite core to connect this equipment to host computer and TV set. Shielded A.C. power cable and shielded I/O cables are required in order to meet the FCC emision limits. It is essential that only the supplied power cord and I/O cable(s) be used.

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

WARNING

Do not use this camera if it is emitting smoke, becomes unusually hot to be touched, emitting any unusual odor or noise, or if it is in any other abnormal states. Operating the camera in any of these situations may cause a fire or an electrical shock. Stop using the camera immediately, turn the camera off, and then disconnect the power source (batteries or AC power adapter). (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) After checking that smoke is no longer being emitted, contact your dealer or your local authorized service facility and request repairs. never attempt to repair this camera yourself as this is dangerous.

Do not use the camera if any water has entered the camera. Turn the camera off, and then disconnect the power source (batteries or AC power adapter). (if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your dealer or your local authorized service facility. Do not continue to use the camera as this may cause a fire or an electrical shock.

Do not use the camera if any foreign objects have entered the camera. Turn the camera off, and then disconnect the power source (batteries or AC power adapter). (if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your dealer or your local authorized service facility. Do not continue to use the camera as this may cause a fire or an electrical shock.

If the camera has been dropped or if the camera case has been damaged, turn the camera off, and then disconnect the power source (batteries or AC power adapter). (if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your dealer or your local authorized service facility. Do not continue to use the camera as this may cause a fire or an electrical shock.

WARNING

Do not place the camera in any unstable locations such as on a wobbly table or sloping surface where the camera may fall or tip over and cause injury.

Do not expose the camera to moisture and make sure that there is no water getting into the camera. Take particular care when using the camera under extreme weather conditions such as rain or snow, or when operating the camera at the beach on near water.
Water in the camera may cause a fire or an electrical shock.

Do not insert or drop metallic or inflammable foreign objects into the camera through access points such as the Compact Flash card slot.
This may cause a fire or an electrical shock.

Do not attempt to modify this camera.
This may cause a fire or an electrical shock.

Do not remove the camera casing. This may cause an electrical shock.
Internal inspection, maintenance and repairs should only be carried out by your dealer or local authorized service facility.

Avoid using this camera in the bathrooms.
Exposure to excessive moisture may cause a fire or an electrical shock.

Do not touch the power plug during a thunderstorm if you are using the AC power adapter.
This may cause an electrical shock.

WARNING

Never operate this camera in any way while driving a vehicle.
This may cause a traffic accident.

Do not attempt to charge the alkaline battery.
This may cause the battery to split or leak, causing fire or injury.

Do not carry or store a battery with objects such as metal pens, necklaces, coins or hairpins.
This could short circuit the positive + and negative - poles of the battery.
This may cause the battery to split or leak, resulting in fire or injury.

Do not heat or attempt to disassemble a battery, and do not place a battery in water or in a fire.
Any of these actions may cause the battery to split or leak, resulting in fire or injury.

Do not subject batteries to strong impacts, such as hitting them with a hammer, stepping on them or dropping them.
Any of these may cause the battery to split or leak, resulting in fire or injury.

Use only the specified batteries or AC power adapter specified for use with this camera.
The use of other power sources may cause a fire.

CAUTION

Do not place this camera in damp or dusty locations.
This may cause a fire or an electrical shock.

Do not place this camera in a location affected by oil fumes or steam,
such as near a cooking stove or humidifier. This may cause a fire or an electrical shock.

Do not leave this camera in a location subject to extremely high temperatures,
such as in a sealed vehicle or in direct sunlight.
Exposure to high temperatures may adversely affect the camera case and
internal components and may cause a fire.

Do not cover or wrap the camera or the AC power adapter with a cloth or quilt.
This may cause heat to build up and distort the case and cause a fire.
Always use the camera and its accessories in well-ventilated locations

Handle the camera carefully and do not bump the camera into any hard object.
Handling the camea roughly may cause a malfunction..

Do not move the camera while it is switched on.
(if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have switched off the camera.)
Ensure that any connector cords or cables to other devices are disconnected before moving the camera,
Failure to do so may damage the cords or cables and cause a fire or an electrical shock.

When handing the camera ,always unplug it from the power source (batteries or AC power adapter) for safety.
(if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.)
Failure to do may result in an electrical shock.

CAUTION

When leaving the camera unused for long periods, such as during a vacation,
always unplug the camera from the power source (batteries or AC power adapter) for safety.
(if you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.)
Failure to do so could result in a fire.

Do not use batteries other than those specified for use with your camera.
The use of unsuitable batteries may result in the batteries splitting or leaking and causing a fire, injury, or soiling of the battery compartment.

When fitting batteries into the camera, check the polarity markings on the battery (- and +)to ensure that you insert the battery correctly.
Incorrect battery polarity may result in the batteries splitting or leaking and causing a fire, injury, or soiling of the battery compartment.

Remove the batteries if the camera will not be used for an extended period of time.
The batteries may leak and cause a fire, injury or soiling of the battery compartment.
If the batteries leak, clean and wipe the battery compartment carefully and install new batteries.
Wash your hands carefully if you touch the battery fluid.

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Getting Started

Thanks for the purchase of the digital camera. With the camera, you will live a whole new camera experience and make photo shooting more interesting and fun. Here below we will guide you through the whole picture taking process, please keep this booklet on hand and enjoy your time.

Checking Accessories

Standard Accessories:

- AC Power Adapter
- 4 x “AA” alkaline batteries
- Video Cable
- USB Cable
- Bundled Software with camera driver
- Owner’s Manual
- Quick Start Guide
- Pouch
- Strap

Optional Accessories:

- Compact Flash Memory Card-4MB, 8MB, 16MB, 32MB, 48MB, 64MB, 96MB, and 128MB

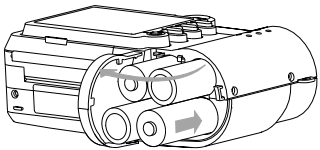
System Requirements

- Pentium 166 MHz processor or higher
- Windows 98/2000/ME
- Available USB port
- At least 32 MB RAM
- 80 MB available hard disk space
- CD-ROM drive
- Color monitor(800x600 24-bit or higher recommended)

Preparing the Power Supply

Using Batteries

1. Slide the battery cover in the direction indicated by the arrow.
2. Insert 4 batteries with the correct polarity as shown on the inner side of the battery cover.
3. Close the battery cover.



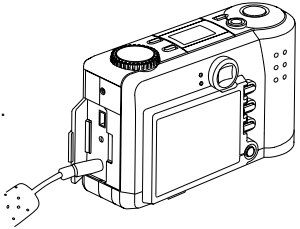
On Battery Usage

- Use 4 “AA” type batteries only.
- Do not mix battery types or it may cause a fire or explosion. Use only one battery type at one time.

- Batteries should be inserted in the battery compartment with the “+” and “-” sides facing correctly.
- Batteries should be replaced when the battery indicator appears an empty icon.
- To improve battery performance, replace all installed batteries at the same time and keep batter awa from heat.
- Do not drop, puncture or disassemble batteries.
- Take off all the installed batteries if they won’t be used for a long period of time since the last time.

Using the Power Adapter

1. Open the connector cover and connect one end of the power adapter to the DC 6V IN port as illustrated.
2. Connect the other end of the power adapter to a power outlet.

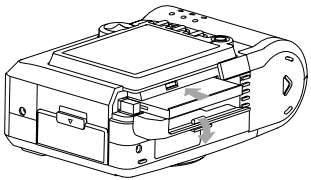


Loading The Compact Flash™ Card

To record images, please insert a Compact Flash™ card if no internal memory is built in your digital camera.

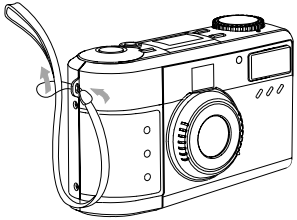
To load the CF card, perform the following:

1. Open the CF card slot cover and then insert a CF card as indicated by the arrow.
2. Close the CF card slot cover.



Attaching the Strap

1. Insert the thin end of the strap into the strap holder.
2. Pass the other end of the strap through the loop of thin cord and pull the strap tight.

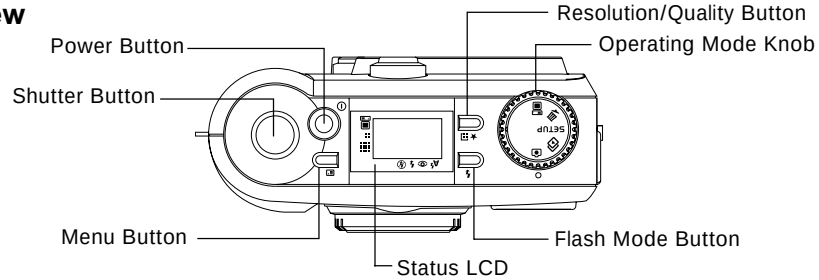


Setting the Date and Time

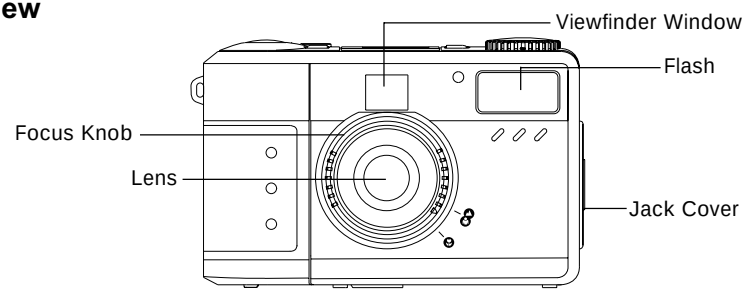
Switch to SETUP mode and then power on the camera, the Setup menu appears.
Press the OK button to select DATE/TIME. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to make the change. For more details, please refer to page 29.

Identifying the Parts

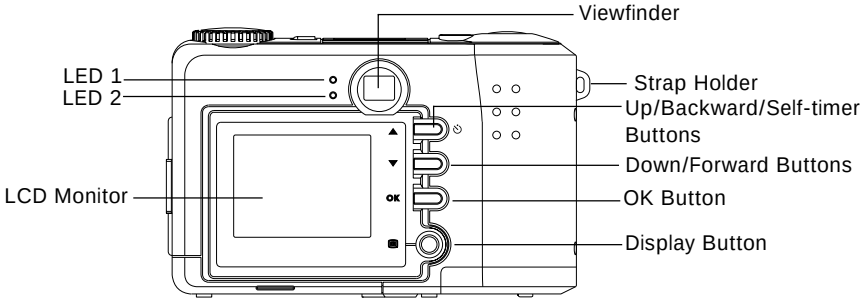
Top View



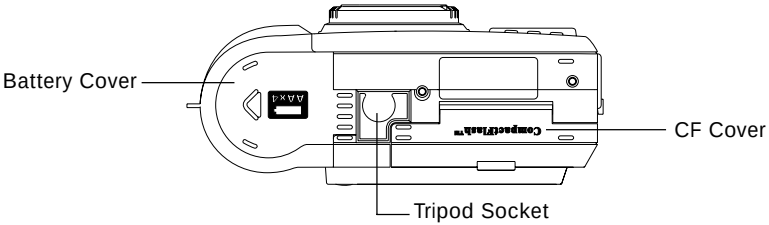
Front View



Rear View



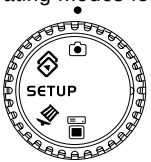
Bottom View



Operating Mode Knob

The camera provides 5 different operating modes for your selection:

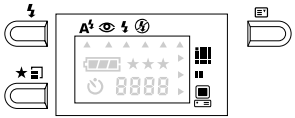
1. Record Mode
2. Play Mode
3. Setup Mode SETUP
4. Erase Mode
5. PC Mode



Status LCD

The status LCD contains the following indicators:

1. Resolution Indicator
2. PC Mode Indicator
3. Image Quality Indicator
4. Battery Power Indicator
5. Flash Mode Indicator
6. Images Remaining/Image Number Indicator 8888
7. Self-timer Indicator



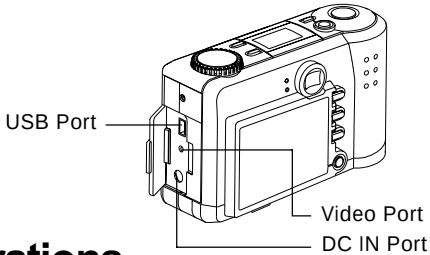
LCD Monitor

The LCD Monitor shows the current image information:

1. Resolution
2. Quality
3. Time
4. Date
5. File Name

Connectors

USB Port
Video Port
DC IN Port



Basic Operations

How to record an image?

If there is no internal memory built in your camera, you have to insert a CF card first before photoshooting.

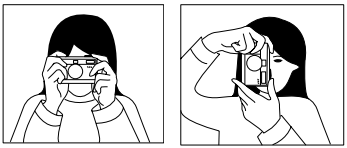
To record an image, perform the following:

1. Power on the camera.
2. Set the operating mode to RECORD.
   • *LED1 will be on under Record mode*

3. Use the viewfinder window or LCD Monitor to frame the image.
   • *Press the Display button to turn on the LCD Monitor for usage.*
4. Press the Shutter button.
   • *LED2 is blinking while capturing images.*

Precaution

To perform a successful photo shooting, please follow the instructions below before starting your camera tasks.



■ On Camera Holding
   • Hold the camera firmly with both hand and brace your elbows lightly against your body.
   • Take care to keep your fingers, hair and the camera strap away from the camera lens.
   • Use the viewfinder or LCD display to frame your shot.
   • Be sure to rest the camera against your forehead while using the viewfinder to focus your shot.

■ On Shutter Button Release
   • Press the shutter button slowly and gently with your finger on it.
   • Keep your camera still and do not shake while pressing the shutter button.
   • Release your press when you hear a “Beep” sound.

How to playback images?

To playback the images recorded in the CF card, make sure to insert the card before the image review.

To playback the images recorded in the camera (internal memory), do not insert any CF card or the camera will not be able to read the internal data with an external memory card attached.

You can review the recorded images either on the LCD Monitor or on a TV. To playback images, perform the following:

■ On the LCD Monitor

1. Power on the camera.
2. Set the operating mode to PLAY.
3. The last image recorded appears. Use the arrow buttons (▲/▼) to forward/backward through the recorded images.

■ On a TV

1. Connect one end of the video cable to the VIDEO port of your camera.
2. Connect the other end of the cable to the VIDEO port of your television.
3. Turn on the camera and the TV.

* Set the video output format before connecting to a TV.

4. Set the camera to PLAY mode .
5. Use the arrow buttons (▲/▼) to forward/backward through the recorded images.

How to delete images?

To delete the images recorded in the CF card, make sure to insert the card before deletion.

To delete the images recorded in the camera (internal memory), do not insert any CF card or the camera will not be able to read the internal data with an external memory card attached.

DELETE CURRENT

1. Power on the camera.
2. Set the operating mode to DELETE . Delete menu appears
3. Press the OK button to select Delete current.The last captured image will then be shown up.
4. Use the arrow button(▲/▼) to browse the captured images.
5. Click on the OK button to delete the image shown on the LCD. Repeat the step 2-5 to delete more images.
6. To exit, press the Menu button .

You can browse the recorded images on the LCD Monitor or on a TV.

DELETE ALL

1. Power on the camera.
2. Set the operating mode to DELETE . Delete menu appears
3. Use the arrow button(▲/▼) to select DELETE ALL and then press the OK button.
4. A dialog box appears asking you if you want to delete all the recorded images. Select YES and press OK to proceed. Select NO to discard the message and return to Delete menu without any deletion.

If there is no image stored in the memory a “No Picture” message pops up. To exit this message, switch to any other camera mode.

You can review the recorded images on the LCD Monitor or on a TV.

How to set the focus?

Before taking a picture, you may need to set the focus. The camera provides 2 different type for your selection:

Mode	Effective Range	Description
Icon Portrait/Telephoto	/	For a normal/long distance shot (60CM~∞)
Icon Close-up		For a macro shot(30-60CM)

Simply switch the Focus knob to select one.

How to set the image resolution & quality ?

This camera provides 6 different image resolution & quality combination settings:

- 1280x960 pixels resolution with Normal (★), Fine(★★), Super Fine(★★★)quality.
- 640x480 pixels resolution with Normal (★), Fine(★★), Super Fine(★★★)quality.

To change the resolution & quality setting, perform the following:

1. Power on the camera.
2. Set the operating mode to RECORD .
3. Press the Resolution & Quality button ★ . To toggle the selection.

The setting is conserved even if the camera power is off.

Resolution Indicator

In RECORD mode: Shows the captured image resolution setting.
In PLAY mode: Shows the currently displayed image resolution setting.

Image Quality Indicator

In RECORD mode: Shows the captured image quality setting.
In PLAY mode: Shows the currently displayed image quality setting.

Resolution	Quality	Compression Ratio
1280x960	★	20:1
1280x960	★★	12:1
1280x960	★★★	8:1
640x480	★	16:1
640x480	★★	8:1
640x480	★★★	4:1

The setting is conserved even if the camera power is off.

How to set the Flash?

The Flash Mode can only be set under RECORD mode. There are 4 modes available: Auto, Red-Eye, Fill-In and Off. The default setting is OFF. To change the setting, press the Flash Mode button a number of times until the desired one is selected.

Mode	Description
Auto	Flash is enabled automatically when light level is less than LV 10.0
Red-Eye	Auto Mode with Pre-Flash to reduce red eye effect
Fill-In	Flash is always enabled
Off	Flash is always disabled

Advanced Operation

How to adjust the EV compensation?

To adjust the EV compensation, perform the following:
1. Set the operating mode to RECORD .
2. Press the Menu button. The Record menu appears.
3. Select the EV COMPENSATION item.
4. Select the desired exposure value.

* The effective range is from -1.8 to +1.8 in steps of 0.3 EV.

This setting is reset to AUTO when the camera power is off.

How to adjust the White Balance?

To adjust the White Balance, perform the following:
1. Set the operating mode to RECORD .
2. Press the Menu button. The Record menu appears.
3. Select the WHITE BALANCE item.
4. Select the desired white balance setting.

This setting is reset to AUTO when the camera power is off.

How to set the OSD (On-Screen Display) language?

To set the OSD language, perform the following:

1. Set the operating mode to SETUP.
2. The Setup menu appears.
3. Select the LANGUAGE item.
4. Select the desired language setting.

The setting is conserved even if the camera power is off.

How to set the Self-Timer?

The self-timer can only be set under RECORD mode.

To use the Self-Timer function, perform the following:

1. Press the Self-Timer button to activate the Self-timer.
2. Press the Shutter button.
3. After 10 seconds, an image is captured and the timer will turn itself off.

The Self-Timer is designed to count down for 10 seconds. In the first 7 seconds, the indicator blinks at a rate relatively slow and then blinks rapidly for the last 3 seconds.

How to format the CF (Compact Flash™) card?

To format the CF card, perform the following:

1. Set the operating mode to SETUP.
2. Select the FORMAT MEDIA item.
3. Select YES to re-format the CF card (default = NO).

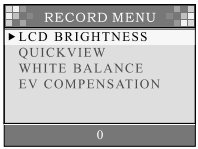
Operating Modes and Menus

RECORD Mode

Set the operating mode to RECORD for image capturing.

Record Menu

Press the Menu button in RECORD mode, the Record menu appears.
The menu contains the following items:



LCD BRIGHTNESS:
Changes the brightness setting (-5 ~ +5, Interval = 1) of the LCD display.
Press the OK button to select this item. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to increase/decrease the LCD brightness. Press the OK button again to make the change. The cursor returns to the RECORD menu automatically when the change is made.

The setting is conserved even if the camera power is off.

QUICKVIEW :
Toggles On/Off the QuickView function.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to select the

desired setting. The cursor returns to the Record menu automatically when the change is made.

The setting is conserved even if the camera power is off.

WHITE BALANCE:
Select either one of the 5 (Auto, Daylight, Shade, Fluorescent, Tungsten) manual white balance settings. The auto white balance is recommended for most cases. For certain critical circumstances, if the result did not come out as expected, you may manually change to another white balance type according to the ambient lighting condition.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to select the desired white balance type. Press the OK button again to make the change. The cursor returns to the RECORD menu automatically when the change is made.

This setting is reset to AUTO when the camera power is off.

Reference:
The approximate color temperature of the 4 above white balance settings (except Auto White Balance) will be Daylight = 5500K, Shade = 6000K, Flourescent = 5800K and Tungsten = 2850K.

EV COMPENSATION:
Adjusts the exposure compensation over a range of -1.8 to +1.8 EV in steps of 0.3 EV.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to increase/decrease the EV compensate value (-1.8 ~ +1.8). Press the OK button again to make the change. The

cursor returns to the Record menu automatically when the change is made.

This setting is reset to AUTO when the camera power is off.

Play Mode

In Play mode, users can review the recorded images on the LCD Monitor or on a TV. Set the operating mode to PLAY for image review.

Play Menu

Press the Menu button in PLAY mode, the Play menu appears.
The menu contains the following items:

LCD BRIGHTNESS:
Changes the brightness setting (-5 ~ +5, Interval = 1) of the LCD Monitor.
Press the OK button to select this item. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to increase/decrease the LCD brightness. Press the OK button again to make the change. The cursor returns to the Record menu automatically when the change is made.

The setting is conserved even if the camera power is off.

SLIDE SHOW:
Displays the recorded images sequentially, with a user-defined delay between images.

Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to increase/ decrease the delay between 2 to10 seconds with interval 2 . Press the OK button again to make the change. The slide show starts.
Press the Display/Menu/OK/ arrow buttons (▲/▼) buttons or switch the Operating Mode knob while a slide show is playing to interrupt the display and returns to the PLAY mode.

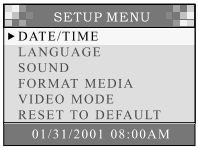
COPY TO CF CARD:(Optional)
Copy the recorded images to the external CF card.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons(▲/▼)to toggle the YES or NO option. Then press OK button to confirm.

Setup Mode

In SETUP mode, users can customize their own preferences according to the actual requirements.

Setup Menu

Switch the Operating Mode knob to SETUP, the Setup menu appears. The menu contains the following items:



DATE/TIME:

Displays the date and time information.

When the camera is used for the 1st time or the batteries are replaced, you may need to have the correct date/time set.

Press the OK button to select DATE/TIME. The cursor skips to the data field and the first item (Month) in this field is selected. Use the arrow buttons (▲/▼) to change the number or press the OK button to proceed to the next item. When the last item is selected/changed, press OK button to return to the Setup menu.

LANGUAGE:

Sets the OSD menu language.

There are 7 languages available for your selection. They are English, French, German, Spanish, Japanese, Portuguese and Traditional Chinese.

Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to select the desired

language setting (default=English). Press the OK button again to make the change. The cursor returns to the Setup menu automatically when the change is made.

SOUND:
Enables/disables the sound effects.
You may choose either to turn on or off (default=off) the sound effects while pressing a button is produced by the camera.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to toggle the selection. Press the OK button again to make the change. The cursor returns to the Setup menu automatically when the change is made.

The setting is conserved even if the camera power is off.

FORMAT MEDIA:
Formats the CompactFlash™ card.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to toggle the selection. Select YES and press the OK button to re-format the CF card and returns to the SETUP menu. Select NO and press the OK button to cancel and return to the Setup menu without any change.

VIDEO MODE:
Sets video output type.
The camera provides 2 different video output type for your selection: NTSC and PAL. Select the

correct video type for the connected device (e.g. NTSC TV or PAL TV).

RESET TO DEFAULT:
Returns all the camera settings to the factory default settings.
Select the item by the arrow buttons (▲/▼) and then press the OK button to confirm. The cursor skips to the data field as the OK button being pressed. Use the arrow buttons (▲/▼) to toggle the selection. Select YES and press the OK button to make the change and returns to the SETUP menu. Select NO, then press the OK button to cancel and return to the SETUP menu without any change.

Image Resolution = 1280 x 960
Image Quality = Normal
White Balance = Auto
Flash = Off
QuickView = Off
LCD Brightness = 0
EV Compensation = 0.0
Slide Show Delay = 4 seconds
Sound = Off

DELETE Mode

In DELETE mode, users can delete all the recorded images at a time or just delete one after another.

Delete Menu

Switch the Operating Mode knob to DELETE, the Delete menu appears. The menu contains the following items:

To delete the images recorded in the CF card, make sure to insert the card before deletion.

To delete the images recorded in the camera (internal memory), do not insert any CF card or the camera will not be able to read the internal data with an external memory card attached.

DELETE CURRENT

1. Set the camera to DELETE mode 🗑. (Delete menu appears on the LCD moitor)
2. Use the arrow key button to select DELETE CURRENT.
3. Press the OK button (The last captured image will be shown on the LCD)
4. Use the arrow key (▲/▼) to browse the captured images.
5. Click on the OK button to delete the image shown on the LCD. Repeat the step 2-5 to erase more images.

6. To exit, press the Menu button .

You can browse the recorded images on the LCD Monitor or on a TV.

DELETE ALL

1. Set the camera to DELETE mode . (Delete menu appears on the LCD moitor)
2. Use the arrow key button to select DELETE ALL.
3. Press the OK button.(A message shown " Are you sure?")
4. Select Yes, and Press OK button will delete all the images.
   Select No, will leave the images unerased.

PC Mode

Images can only be transferred to a PC via USB in this mode. There are no menus associated with this mode, and no buttons are active in this mode.

Transferring your Images to the Computer

Before image transfer, please read the following guideline carefully.

Driver Installation

For Users of Windows 98

If you are planing to transfer your images into a Windows98-based computer, make sure to complete the driver installation before the camera connection. The steps are as below:

1. Insert the software CD-ROM disc into your CD-ROM drive

2. The setup program starts. Follow the on screen instructions to complete the software installation
3. Restart the computer (recommended)

For Users of Windows(2000/ME)

Windows(2000/ME supports the camera in all aspects, you don't even have to install the driver yourself. Go ahead for the camera connection directly.

Acquiring Images

With the USB cable connected both to your PC and digital camera, follow the steps below to transfer your images to the computer.
1. Power on the camera.
2. Set the operating mode to "PC", then a removable disk appears.
3. Drag and drop the images in the above mentioned disk to the other directories desired.

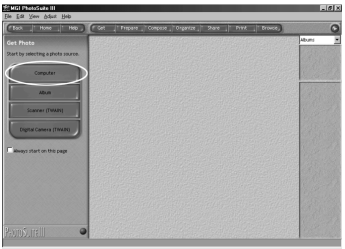
Editing and Processing images

Using MGI PhotoSuite

MGI PhotoSuite is a very user-friendly image editing program. With PhotoSuite, you can breezily retouch, compose and organize your images in just seconds. It contains a variety of templates, such as photo frames, birthday cards, calendars and other fun stuffs. Get your images ready and go explore this amazing program.
To use the program, follow the steps below:

1. Launch MGI PhotoSuite.

2. Click the large Get button on the Welcome screen, or the Get button on the Navigation bar.
3. Choose a photo source (e.g. computer) and click the Open button.(see below)

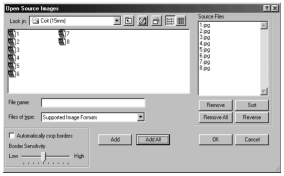


4. Now you are able to process your images with all the tools provided by PhotoSuite.

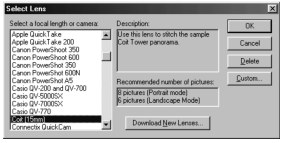
Using MGI PhotoVista

MGI PhotoVista is an easy-to-use program that lets you create spectacular 360˚ panoramic images in a snap. When you view these panoramas, you get the experience of being totally immersed in a realistic environment. Photovista's powerful engine quickly and automatically stitches images together, and its intuitive interface will let even a novice get great results in minutes.
To use the program, follow the steps below:

Step 1: Open Source Images in MGI PhotoVista
MGI PhotoVista requires some overlap of source images to properly align them before a stitch. For best results, use a 20% to 50% overlap. The number of photos you need to shoot to achieve this overlap depends on the lens type you're using.

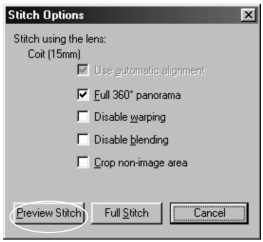


Step 2: Select the Lens
Click the Select Lens icon. The Select Lens dialog box appears. Select the proper lens type.



Step 3: Preview the Stitch

Click the Stitch Panorama icon. The Stitch Options dialog box appears. Click Preview Stitch button.



Step 4: View the Panorama In Action

Choose Show Viewer from the Panorama menu. The Stitch Preview window changes to viewer mode. Press and drag the pointer over the panorama vertically and horizontally. Press SHIFT to zoom in or press CTRL to zoom out. Close the viewer window when you're done to return to the preview stitch.

Step 5: Create a Full Stitch

Click the Stitch Panorama icon. The Stitch Options dialog box appears. Click Full Stitch button. The Stitch Progress dialog box displays the progress of the stitch. Follow the procedure in Step 4 to view the panorama in action.

Step 6: Save a Panorama

After Step5, you can save the panorama from the Stitched Result window as a BMP, Flashpix (FPX), or JPEG file. MGI PhotoVista also automatically creates an IVR file for you, which you use to play the panorama.

Additional Information

Names and Functions

Viewfinder Window
The optical viewfinder is the real-image type with 5% alignment tolerance.

LCD Monitor
When you are about to take a picture, you may use the LCD monitor to frame the image. Press the Display button to turn on/off the LCD monitor.

Display Button
The LCD button is only active in RECORD and PLAY modes. While in RECORD mode, press the Display button will toggle the LCD monitor On and Off. In PLAY mode, press the Display button to review the images in the following 3 modes:
1. Single image display
2. Single image display with image information overlay
3. Multi-image (3x3 thumbnail) display

Menu Button
The Menu button is only active in RECORD and PLAY modes. Press the Menu button to turn on the Record/Play menus. To access the Record/Play menus, simply switch the operating mode knob to RECORD/PLAY modes and then press the menu button. To turn off the menu, press the menu button again.

OK Button OK
The OK button is active any time a menu or dialog is displayed. Use the button to select/confirm the currently highlighted item.

Power Button ⏻
Press the power button to turn on/off the camera. While the camera is powered on and there is no button activity or host communication for about 60 seconds, the camera will automatically turn itself off to conserve battery power (standby) meanwhile press any button or rotate the Mode knob will bring the camera back immediately. If there is no any activity for 3 minutes, the system power will be off and you will have to press the power button to turn it on.

Shutter Button
The Shutter button is only active in RECORD mode. You may press the button in RECORD mode for image capturing, processing and storing. Before photo shooting, please make sure that your camera has available free space for image storage and there is appropriate light for a successful image capturing.

Self-Timer Button ⏲
The Self-Timer button is active only in RECORD mode. When the Self-Timer button is pressed, the 10-second self-timer is enabled. To disable the self-timer function, do any of the following:
* Press the Self-Timer button again.
* Press the Shutter button to capture the image.
* Power off the camera.
* Change to another mode other than RECORD mode.
* Let the camera automatically disable the Self-Timer function after an image is captured.

Operating Mode Knob

Switch the Operating Mode knob to select the desired operating mode. There are five operating modes available as follows:

- RECORD: Capture/stores images
- PLAY: Review images in memory
- SETUP: Change camera settings
- DELETE: Delete images in memory
- PC: Transfer images to PC

Battery Power Indicator

You may check the battery status by the battery power indicator on the LCD display.

- Battery icon with 3 bars on: The battery is fully charged.
- Battery icon with 2 bars on: The battery is partially charged.
- Battery icon with 1 bar on: Prepare new batteries.
- Battery icon with no bars on: The battery needs to be replaced, there is no battery power remains. The camera will be forced to power it off at once.

Images Remaining/Image Number Indicator

The digit number on the Status LCD may have different meanings in each mode:

Record Mode: Shows the number of the images that can be recorded in your camera with current settings.

Play Mode: Shows the total amount of the recorded images in your camera.

Erase Mode: Shows the total amount of the recorded images in your camera.

PC Mode: Shows the total amount of the recorded images in your camera.

LED Messages

LED Controls

Type	Color	Status	Description	Sound
LED1	Red	Blinking	While detecting the system error	Yes
LED1	Green	On	Camera is powered on	No
LED1	Red	On	Image processing (Compression/Decompression)	NO
LED2	Green	On	CF card is inserted	
LED2	Green	Off	CF card is inserted	No
SELF-Timer Indicator	Red	Blinking	Camera is capturing an image	No No
SELF-Timer Indicator	Red	On	Self-Timer button is pressed	Yes

Specification

Image Sensor	CCD sensor with 1.3 mega pixels
Image Resolution	1280*960/640*480
Image Quality	Normal, Fine, Super Fine
Color	24-bit Color (RGB)
Lens	Fixed Lens with Macro (0.3m~0.6m), Aperture-2 step (Auto)F:2.8/8
Zoom	2 X Digital Zoom
File Format	JPEG , EXIF 2.1
Internal Memory	0 or 8MB Flash Memory
External Memory	Compact Flash Card Type 1 Slot
Processing Time	Interval during taking pictures < 2 sec ;picture playback time < 4 sec
Software Driver	PC(Windows 98/2000/Me)
AP	MGI PhotoSuite III SE
LCD Display	1.8" color LCD for real time display with 280x220 image
LCD Indicator	Flash/Quality/Battery Status/Number of Image
Built-in Flash	Auto, Red-eye reduction, Fill-in, Off
Self-timer	10 sec delay
Exposure	Auto; Manual: 0.3 EV step, -1.8 ~ +1.8EV
White Balance	Auto ; Preset: Daylight, Shade, Fluorescent,Tungsten
Language	English, Japanese, German, French, Spanish,Portuguese, Traditional Chinese
Connectors	AC power port/ USB port / Video Output (NTSC or PAL)
Power	4X AA (Alkaline Battery, NiMh, Lithium); AC-DC Adapter
Certification	CE, FCC, VCCI,TSMI
Dimensions	105x66.5x48 mm
Weight	about 190g(without battery and CF card)